ENNVOS

NAME:

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) DISCHARGE MONITORING REPORT (DMR)

MAR 2 2 2011

XTO ENERGY, INC. ADDRESS: 52260 WIK RD

KENAI, AK 99611 FACILITY: EAST FORELAND

DEC Division of Water Quality Wastewater Discharge Program (2-16)(17-19)

| AKG 31 5003 | 015 |
|---------------|------------------|
| PERMIT NUMBER | DISHCARGE NUMBER |

DMR Mailing Zip Code: 99611

MAJOR (SUBR 02)

PRODUCED WATER AND SAND

External Outfall

MONITORING PERIOD

YEAR MONTH DAY LOCATION: 52260 WIK ROAD, KENAI AK 99611 **FROM** 2011 2 ATTN: Ryan Tunseth, EHS&T Coordinator (20-21)(22-23)(24-25)

| TO | YEAR | МОИТН | DAY | | |
|----|---------|---------|---------|--|--|
| | 2011 | 2 | 28 | | |
| | (26-27) | (28-29) | (30-31) | | |

No Discharge

| PARAMETER (32-37) | | QUANTITY 53) (54-61) | OR LOADIN | IG (46- | QUALI* | | CENTRATIO | N | NO EX. | FREQUENCY OF ANALYSIS | SAMPLE TYPE (69-70) |
|--|---|-------------------------|-----------|-------------------|-----------------|--------------------|--------------------|---|--------------|--------------------------|---------------------|
| | | Average | Maximum | Units | Minimum | (46-53) Average | (54-61) Maximum | Units | (62-63) | | |
| 015 - Produced Water FLOW | Measurement | 0.1750206 | 0.198786 | MOD | *** | *** | *** | | 0 | Weekly | Estimate |
| | Permit Requirement | | ** | MGD | ••• | ••• | ••• | *** | | Weekly | Estimate |
| 015 - Produced Water PRODUCED SAND | Sample Measurement | *** | *** | *** | No discharge | No discharge | No discharge | *** | 0 | *** | *** |
| | Permit Requirement | | | With the Williams | No discharge | No | No discharge | | | | - |
| 15 - Produced Water IL & GREASE | Sample Measurement | *** | *** | *** | *** | 11.53 | 14 | | 0 | Weekly | Grab |
| | Permit Requirement | ••• | | | •• | 29 | 42 | mg/l | ••• | Weekly | Grab |
| 015 - Produced Water pH | Sample Measurement | *** | *** | *** | 6.6 | *** | 7.45 | | 0 | Weekly | Grab |
| | Permit Requirement | | •• | | 6 | | 9 | SU | ••• | Weekly | Grab |
| 015 - Produced Water TAH | Sample Measurement | *** | *** | *** | *** | 11.82 | 11.82 | mg/l | 0 | Monthly | Grab |
| | Permit Requirement | • | | | ••• | 24 | 32 | | •• | Monthly | Grab |
| 015 - Produced Water FAqH | Sample Measurement | *** | *** | *** | *** | 11.931 | 11.931 | *************************************** | 0 | Monthly | Grab |
| | Permit Requirement | | | | | Report | Report | mg/l | | Monthly | Grab |
| 015 - Produced Water FOTAL AMMONIA | Sample Measurement | ••• | *** | *** | 5.1 | 5.1 | 5.1 | mg/l | 0 | Quarterly | Grab |
| | Permit Requirement | - | | | Report | - | Report | | | Quarterly | Grab |
| NAME TITLE PRINCIPAL EXECUTIVE OFFICER | | | | | | | | | Те | lephone | Date (YR/MO/DAY) |
| Ryan Tunseth supervision EHS&T Coordinator of those p of my know | ertify under penalty of law that this document and all attachments were prepared under my direction or pervision in accordance with a system designed to assure that qualified personnel properly gather and aduate the information submitted. Based on my inquiry of the person or persons who manage the system, those persons driectly responsible for gathering the information, the information submitted is, to the best my knowledge and belief is true, accurate, and complete. I am aware that there are significant penalties submitting false information, including the possibility of fine and imprisonment for knowing violations. Signature | | | | | | | | 907 776-8473 | | 3/18/2011 |

COMMENTS & EXPLANATION OF ANY VIOLATIONS: WET Testing sampling frequency is reduced to once/6 months [Section II.G.6.a - Permit # AKG-31-5000] 1st Period 2011 WET tests & Annual Rescreening [Section III.A.2.- Permit # AKG-31-5000] was taken in February-2011. Results will be submitted with the March 2011 DMR. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 1st Quarter 2011 sample results are shown.

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NAME: XTO ENERGY, INC.

ADDRESS: 52260 WIK RD

KENAI, AK 99611

ATTN: Ryan Tunseth, EHS&T Coordinator

FACILITY: EAST FORELAND

LOCATION: 52260 WIK ROAD, KENAI AK 99611

(2-16) (17-19) AKG 31 5003 015 DMR Mailing Zip Code: 99611

MAJOR

(SUBR 02)

PRODUCED WATER AND SAND

External Outfall

MONITORING PERIOD

DISHCARGE NUMBER

| | YEAR | MONTH | DAY |
|------|---------|---------|---------|
| FROM | 2011 | 2 | 1 |
| | (20-21) | (22-23) | (24-25) |

PERMIT NUMBER

| | YEAR | MONTH | DAY |
|----|---------|---------|---------|
| 10 | 2011 | 2 | 28 |
| | (26-27) | (28-29) | (30-31) |

No Discharge

| PARAMETER | | QUANTIT ¹ 53) (54-61 | OR LOADIN | QUALIT (38-45) | Y OR CON | CENTRATIO (54-61) | N | NO EX. | FREQUENCY OF ANALYSIS | SAMPLE TYPE (69-70) | |
|--|---|---|---|-------------------|------------------|----------------------|---------|-----------|--------------------------|---------------------|------------------|
| (32-37) | | Average | Maximum | Units | Minimum | Average | Maximum | Units | (62-63) | (64-68) | |
| 015 - Produced Water COPPER | Sample Measurement | *** | *** | *** | *** | 33.9 | 33.9 | | 0 | Quarterly | Grab |
| | Permit Requirement | - | •• | | | 60 | 90 | ug/l | - | Quarterly | Grab |
| 015 - Produced Water MERCURY | Sample Measurement | *** | *** | *** | *** | 0.00 | 0 | | 0 | Quarterly | Grab |
| | Permit Requirement | | | 0.5 | 0.8 | ug/l | •• | Quarterly | Grab | | |
| 015 - Produced Water MANGANESE | Sample Measurement | *** | *** | *** | *** | 1.41 | 1.41 | mg/l | 0 | Quarterly | Grab |
| | Permit Requirement | | | | | 7.9 | 15.8 | | ••• | Quarterly | Grab |
| 015 - Produced Water SILVER | Sample Measurement | *** | *** | *** | *** | 9.45 | 9.45 | ug/l | 0 | Quarterly | Grab |
| | Permit Requirement | - | - | | 7 | 46 | 149 | | •• | Quarterly | Grab |
| 015 - Produced Water ZINC | Sample Measurement | *** | *** | *** | *** | 0.124 | 0.124 | mg/l | 0 | Quarterly | Grab |
| | Permit Requirement | | - | | ••• | 3.1 | 6.1 | | | Quarterly | Grab |
| 015 - Produced Water WET <i>- Mytilus galloprovincialis</i> (invertib | Sample | *** | *** | *** | *** | < 625 | < 625 | TUc | 0 | Semi Annual | Grab |
| | Permit Requirement | - | ••• | | ••• | 1209 | 2425 | | ••• | Semi Annual | Grab |
| NAME TITLE PRINCIPAL EXECUTIVE OFFICER | penalty of law that this docum | ant and all attache | ante une pero | and under my | adina object and | | | | Te | elephone | Date (YR/MO/DAY) |
| Ryan Tunseth supervision in EHS&T Coordinator of my knowled | periary or law that this occur accordance with a system de iformation submitted. Based o ns driectly responsible for gal ge and belief is true, accurate false information, including th | signed to assure the on my inquiry of the thering the informa a, and complete. I a | mmom safandalika innoquinus a a perioagraf a rivera | 907 776-8473 | | 3/18/2011 | | | | | |

COMMENTS & EXPLANATION OF ANY VIOLATIONS: WET Testing sampling frequency is reduced to once/6 months [Section II.G.6.a - Permit # AKG-31-5000] 1st Period 2011 WET tests & Annual Rescreening [Section III.A.2.- Permit # AKG-31-5000] was taken in February-2011. Results will be submitted with the March 2011 DMR. Additionally, the sampling frequency for Copper, Manganese, Silver, Total Mercury, and Zinc is reduced in frequency from monthly to quarterly [Section II.G.6.a - Permit # AKG-31-5000] 1st Quarter 2011 sample results are shown.

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KENAI, AK 99611

FACILITY: EAST FORELAND LOCATION: 52260 WIK ROAD, KENAI AK 99611

ATTN: Ryan Tunseth, EHS&T Coordinator

| | or (out) |
|---------------|------------------|
| (2-16) | (17-19) |
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| PERMIT NUMBER | DISHCARGE NUMBER |

DMR Mailing Zip Code: 99611

MAJOR

(SUBR 02)

PRODUCED WATER AND SAND

External Outfall

MONITORING PERIOD

| FROM | YEAR | MONTH | DAY | | YEAR | MONTH | DA' |
|------|---------|---------|---------|----|---------|---------|-------|
| | 2011 | 2 | 1 | 10 | 2011 | 2 | 28 |
| | (20-21) | (22-23) | (24-25) | | (26-27) | (28-20) | 790.9 |

No Discharge

| PARAMETER | | | QUANTITY 53) (54-61 | OR LOADIN | G (46- | QUALIT (38-45) | Y OR CON | CENTRATIO | N | NO EX. | FREQUENCY | SAMPLE TYPE (69-70) |
|--|---|---|------------------------|-----------|---|--|----------|----------------------------------|--|-----------------------------|---|--|
| (32-37) | | Average | Maximum | Units | Minimum | Average | Maximum | Units | (62-63) | OF ANALYSIS | | |
| 015 - Produced Water | | Sample | *** | *** | ······································ | *** | | | *************************************** | | (64-68) | |
| NET - Menidia beryllina (v | rertebrate) | Measurement | | | *** | *** | < 625 | < 625 | | 0 | Semi Annual | Grab |
| | | Permit Requirement | | | | ••• | 1209 | 2425 | TUc | | Semi Annual | Grab |
| 015 - Produced Water NET - Echinoderm | | Sample Measurement | ••• | *** | *** | *** | < 625 | < 625 | | 0 | Semi Annual | Grab |
| | | Permit Requirement | | | | | 1209 | 2425 | TUc | ••• | Semi Annual | Grab |
| 115 - Produced Water | | Sample | | | *************************************** | | | ESTANDAMENTO AND THE PROPERTY OF | | WAR SAFE | | Of the second second |
| | | Measurement | | | | | | | | | | |
| | | Permit | | | | | | DE MINERAL | | | SHAVE BUSINESS OF THE STATE OF | STOREST CONTROL OF STREET |
| | | Requirement | | | | a comment | | | | | | |
| 015 - Produced Water | | Sample | | | | | | State of the state of | | De trace de la constitución | | |
| | Measurement | | | | | | | | | | | |
| | | Permit | | | | A STATE OF THE STA | | a contracti | | TO BE STORE | | |
| | | Requirement | | | | | | | | | | |
| 015 - Produced Water | | Sample | | | | | | | | | | |
| | | Measurement | | | | | | | | | | |
| | | Permit | | | | | | | | | | |
| 015 - Produced Water | | Requirement | | | | | | | | | | |
| 715 - mroduced vvater | | Sample | | | | | | | | | | |
| | | Measurement | | | | | | | | | | |
| | | Permit | | | | | | 1 | | | | |
| 015 - Produced Water | | Requirement Sample | | | | | A MILES | | *************************************** | | | |
| A TO THOUSE WATER | | Sample Measurement | | | | | | | | | | * |
| | | Permit | | | | ACTION AND DESCRIPTION | | | | | | |
| | | Requirement | | | | | | | | | | |
| NAME TITLE PRINCIPAL | | ivedonement | | | | MANERAL SPACE | | | | | HE'S AND SHEET IN | |
| EXECUTIVE OFFICER | | | | | | | | | | - | · · · · · · · · · · · · · · · · · · · | The second secon |
| Ryan Tunseth EHS&T Coordinator | supervision in acco evaluate the inform or those persons d of my knowledge a | ertify under penalty of law that this document and all attachments were prepared under my nervision in accordance with a system designed to assure that qualified personnel properly alluate the information submitted. Based on my inquiry of the person or persons who mana those persons driectly responsible for gathering the information, the information submitted my knowledge and belief is true, accurate, and complete. I am aware that there are signific submitting false information, including the possibility of fine and imprisonment for knowing | | | | | | Signature | niotocci kraintoinen en | Telephone 907 776-8473 | | Date (YR/MO/DAY) 3/18/2011 |

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